



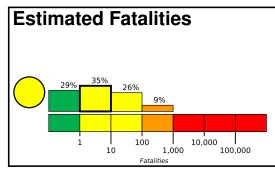


PAGER Version 4

Created: 1 week, 3 days after earthquake

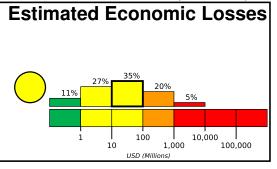
M 5.6, 2 km ESE of Cartago, Colombia

Origin Time: 2024-01-19 11:26:03 UTC (Fri 06:26:03 local) Location: 4.7399° N 75.8876° W Depth: 60.6 km



Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level re-

Estimated economic losses are less than 1% of GDP of Colombia.



Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	18,248k*	5,689k	504k	117k	42k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan

Structures

Overall, the population in this region resides in strucures that are vulnerable to earthquake shaking, hough resistant structures exist. The predominant rulnerable building types are mud wall with wood and unknown/miscellaneous types construction.

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1983-03-31	269	5.6	VII(47k)	241
1994-06-06	203	6.8	VIII(7k)	295
1999-01-25	40	6.1	VIII(27k)	1k

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

om GeoNames.org

edivanies.org	
City	Population
Cartago	135k
Ansermanuevo	12k
La Virginia	34k
Obando	7k
Alcala	9k
Quimbaya	31k
Pereira	440k
Ibague	422k
Bogota	7,674k
Cali	2,393k
Medellin	2,000k
	City Cartago Ansermanuevo La Virginia Obando Alcala Quimbaya Pereira Ibague Bogota Cali

bold cities appear on map.

(k = x1000)

76.9°W Medellin Ciudad Bolivar	74.6°	w <i>U</i>
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PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.